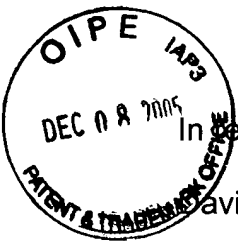


PATENT
Customer No. 22,852
Attorney Docket No. 05725.0843-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:

David W. CANNELL et al.

Application No.: 09/820,648

Filed: March 30, 2001

For: HEAT ACTIVATED DURABLE
STYLING COMPOSITIONS
COMPRISING C₅ TO C₇
SACCHARIDE UNIT AND
METHODS FOR SAME

)
)
) Group Art Unit: 1615
)
) Examiner: J. A. Venkat
)
)
) Confirmation No.: 3537
)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(c)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00 as specified by Section 1.17(p).

Copies of the listed foreign and non-patent literature documents are attached.

Copies of the U.S. patent publications are not enclosed.

With respect to the non-English language documents, Applicants submit the following remarks:

1. **JP-03240730** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
2. **JP-04266812** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
3. **JP-04273806** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
4. **JP-05221823** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
5. **JP-06122614** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
6. **JP-06287110** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
7. **FR 2704751** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
8. **JP-09124453** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
9. **JP-10017430** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
10. **JP-10279439** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.

11. **WO9924009** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
12. **JP-08217656** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
13. **JP-08151313** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
14. **JP-040306212** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
15. **DE-4109999** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
16. **DE-4440315** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
17. **JP-09059134** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
18. **EP-750900** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
19. **EP-829255** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
20. **DE-29709853** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.
21. **JP-10306017** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.

22. **JP-08217656** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.

23. **JP-07258041** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.

24. **JP-01213213** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.

25. **JP-03148211** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.

26. **JP-02204407** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.

27. **DE 3820030** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.

28. **WO9323512** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.

29. **DE 4413434** - An abstract of the disclosure of this document can be found in the English language abstract submitted herewith.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

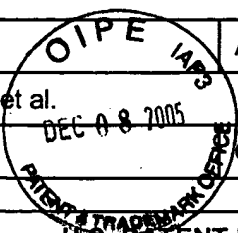
By: 

Mark D. Sweet
Reg. No. 41,469

Dated: December 8, 2005

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Atty. Docket No.	05725.0843-00000	Application No.	Unassigned
Applicant	David W. CANNELL et al.		
Filing Date	March 30, 2001	Group:	Unassigned



U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	1	4,900,545	Feb. 13, 1990	Wisotzki et al.			
	2	5,348,737	Sep. 20, 1994	Syed et al.			
	3	5,641,477	Jun. 24, 1997	Syed et al.			
	4	5,660,838	Aug. 26, 1997	Koga et al.			
	5	5,888,951	Mar. 30, 1999	Gagnebien et al.			

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	6	DE 297 09 853	Nov. 19, 1998	Germany			Abstract
	7	JP 06-122614	May 6, 1994	Japan			Abstract
	8	JP 04-266812	Sep. 22, 1992	Japan			Abstract
	9	JP 10-279439	October 20, 1998	Japan			Abstract
	10	JP 09-059134	Mar. 4, 1997	Japan			Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
11	Milczarek et al., "The Mechanism and Stability of Thermal Transitions in Hair Keratin", <i>Colloid and Polymer Science</i> , Vol. 270, No. 11, 1992, pp. 1106-1115.	
12	Hollenberg et al., "Möglichkeiten Zur Beeinflussung Der Haarstruktur Durch Pflegeprodukte", <i>SÖFW-Journal</i> , Vol. 121, No. 2, 1995, pp. 82-89.	
13	ACS Abstract 123:296216 CA: Hollenberg et al., <i>SÖFW-Journal</i> , Vol. 121, No. 2, 1995, pp. 82-89.	

Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Atty. Docket No. 05725.0843-00000	Application No. Unassigned
Applicant David W. CANNELL et al.	
Filing Date March 30, 2001	Group: Unassigned

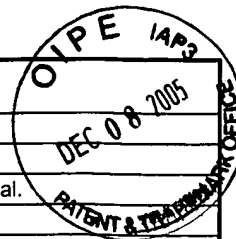
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	14	Hollenberg et al., "Möglichkeiten Zur Beeinflussung Der Haarstruktur Mit Kosmetischen Mitteln", <i>Seifen - Öle - Fette - Wachse</i> , Vol. 117, January 1991, pp. 9-18.
	15	ACS Abstract 114:149908 CA: Hollenberg et al., <i>Seifen - Öle - Fette - Wachse</i> , Vol. 117, January 1991, pp. 9-18.
	16	Spei et al., "Thermoanalytical Investigations of Extended and Annealed Keratins", <i>Colloid & Polymer Science</i> , Vol. 265, No. 11, 1987, pp. 965-970.
	17	Sandhu et al., "A Simple and Sensitive Technique, Based on Protein Loss Measurements, to Assess Surface Damage to Human Hair", <i>J. Soc. Cosmet. Chem</i> , Vol. 44, No. 3, May/June 1993, pp. 163-175.
	18	Results from literature search performed by Assignee, 11 pages.
	19	Results from literature search performed by Assignee, 24 pages.
	20	English language Derwent Abstract of DE 297 09 853, Sep. 20, 1994.
	21	English language Derwent Abstract of JP 06-122614, May 6, 1994.

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce

PDS Form PTO/SB/08: Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>				Complete if Known	
				Application Number	09/820,648
				Filing Date	March 30, 2001
				First Named Inventor	David W. CANNELL et al.
				Art Unit	1615
				Examiner Name	J. A. Venkat
				Attorney Docket Number	05725.0843-00000
Sheet	1	of	8		

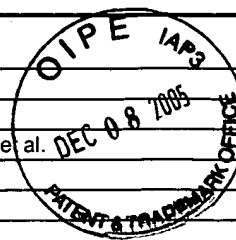


U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US-5348737	09-20-1994	Ahmed et al.	
	2	US-5641477	06-24-1997	Ahmad et al.	
	3	US-4900545	02-13-1990	Henkel	
	4	US-5641477	06-24-1997	Ahmad et al.	
	5	US-4971080	11-20-1990	Rubinstein et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	6	JP-03240730	09-16-1999	Yamada et al.		Abstract
	7	JP-04266812	09-22-1992	Lion Corp.		Abstract
	8	JP-04273806	09-30-1992	Nichiden Kagaku KK		Abstract
	9	JP-05221823	08-31-1993	Tei T		Abstract
	10	JP-06122614	05-06-1994	Shiseido Co Ltd		Abstract
	11	JP-06287110	10-11-1994	Ajinomoto KK et al.		Abstract
	12	FR 2704751	11-10-1994	Paradot		Abstract
	13	JP-09124453	05-13-1997	Japan Happy KK et al.		Abstract
	14	JP-10017430	01-20-1998	Pola Chem Ind Inc		Abstract
	15	JP-10279439	10-20-1998	Kureha Chem Ind Co Ltd		Abstract
	16	WO9924009	05-20-1999	LVMH Recherche		Abstract
	17	JP-08217656	08-27-1996	Pola Kasei Kogyo KK		Abstract
	18	JP-08151313	06-11-1996	Kanebo Ltd		Abstract
	19	JP-040306212	01-21-1988	Suntory Ltd		Abstract
	20	DE-4109999	10-01-1992	Geide et al.		Abstract
	21	DE-4440315	05-14-1996	Hollenberg et al.		Abstract
	22	JP-09059134	03-04-1997	Mikuchi Sangyo KK		Abstract
	23	EP-750900	01-02-1997	Heinz et al.		Abstract
	24	EP-829255	03-18-1998	Habib et al.		Abstract
	25	DE-29709853	11-19-1998	Goldwell GMBH		Abstract
	26	JP-10306017	11-17-1998	Kao Corp		Abstract
	27	JP-08217656	08-27-1996	Pola Chem Ind Inc		Abstract
	28	JP-07258041	10-09-1995	Shiseido Co Ltd		Abstract

US Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/820,648
				Filing Date	March 30, 2001
				First Named Inventor	David W. CANNELL et al.
				Art Unit	1615
				Examiner Name	J. A. Venkat
				Attorney Docket Number	05725.0843-00000
Sheet	2	of	8		



FOREIGN PATENT DOCUMENTS						
	29	JP-01213213	08-28-1989	Kao Corp		Abstract
	30	EP-469232	02-05-1992	Japan Happy KK		
	31	JP-03148211	06-12-1990	Japan Happy KK		Abstract
	32	JP-02204407	08-14-1990	Kanebo KK		Abstract
	33	DE 3820030	07-27-1989	Gruening et al.		Abstract
	34	EP-398177	11-22-1990	Takamura et al.		
	35	EP-555086	08-11-1993	Shana et al.		
	36	WO9323512	11-25-1993	Busch et al.		Abstract
	37	DE 4413434	10-19-1995	Hensen et al.		Abstract

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		Translation ⁶
	38	ACS Abstract 125:30893 CA: Song, et al., "Antimutagenic effect of vitamin B12 and glucose in cold waving agent (a hair conditioner)." Gongye Weisheng Yu Zhiyebing (1996), Vol. 22, No. 1, pp. 12-13.		Abstract
	39	ACS Abstract 123:296216 CA: Hollenberg et al., "Possibilities of influencing hair structure with hair-care preparations." SOFW-Journal, Vol. 121, No. 2, 1995, pp. 82-89		Abstract
	40	ACS Abstract 114149908 CA: Hollenberg et al., "Possibilities of influencing hair structure with cosmetic formulations." SOFW-Journal (1991), Vol. 117, January 1991, pp. 9-18.		Abstract
	41	ACS Abstract 123:289411 CA: Trezl, et al., "Increase in dye pick-up of wool caused by the Maillard reaction." J. Soc. Dyers Colour (1995), Vol. 111, No. 9, pp. 293-297.		Abstract
	42	ACS Abstract 109-56463 CA: Forst, et al., "Modification of wool fibers during chemical treatment applied for dyeing optimization." Ind. Usoara: Text., Tricotaje, Confecții Text. (1987), Vol. 38, No. 12, pp. 560-562.		Abstract
	43	ACS Abstract: 77:141244 CA: Fujiwara, et al., "Amino-carbonyl reaction of wool." Sen'i Gakkaishi (1972), Vol. 28, No. 4-5, pp. 142-146.		Abstract

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.